

【書類名】  
【図1】

【図面】

Fig. 1

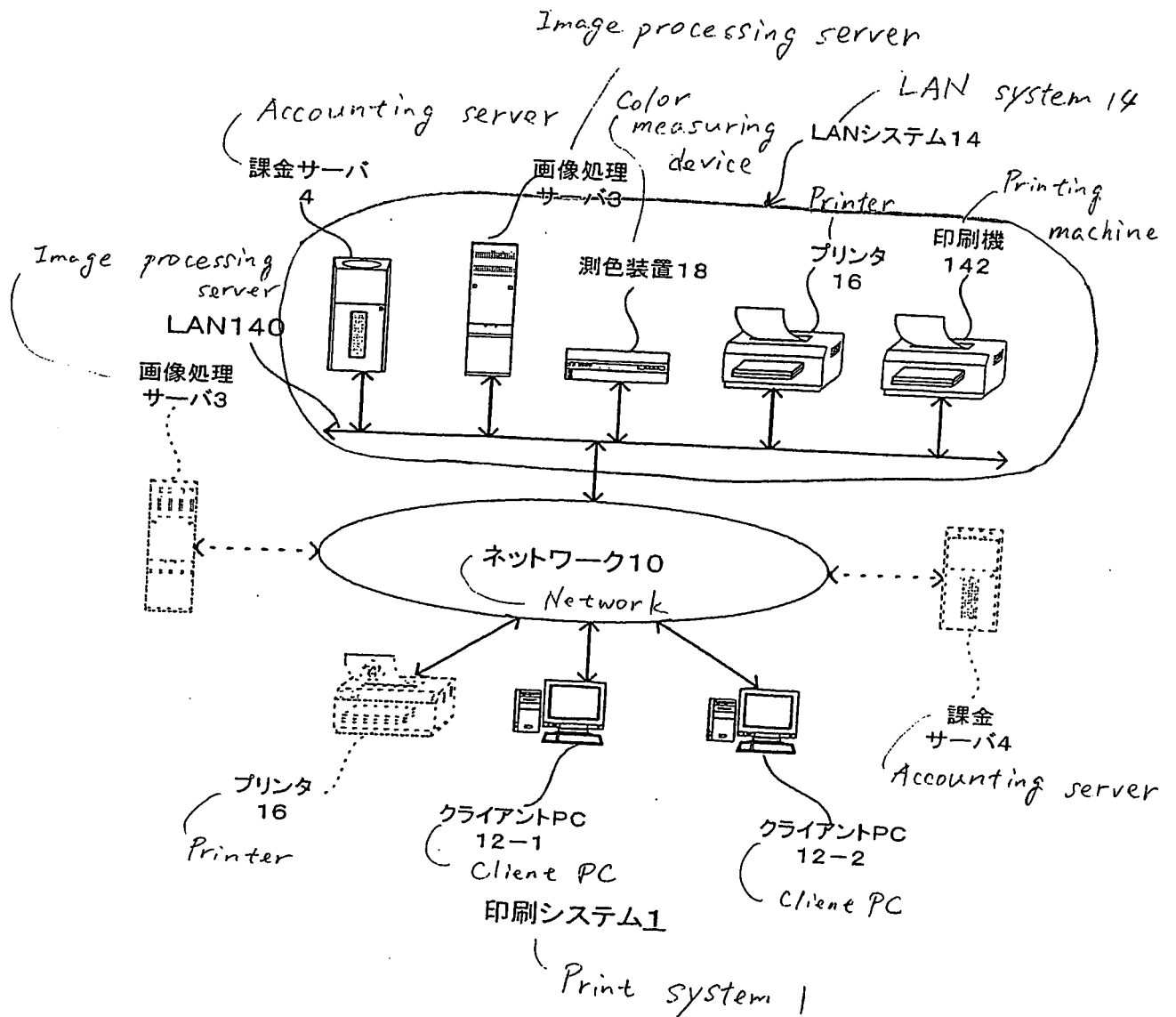


Fig. 2

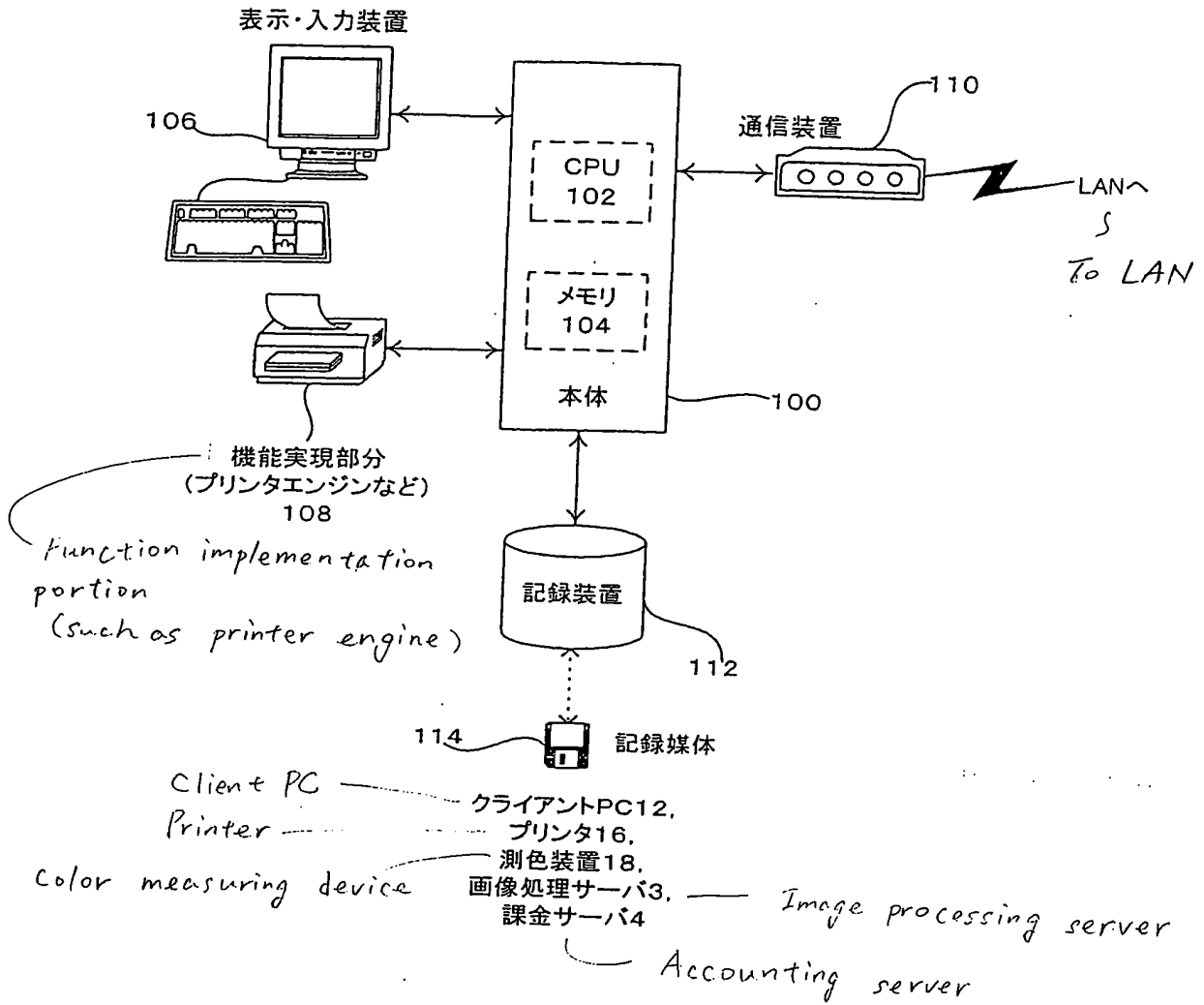
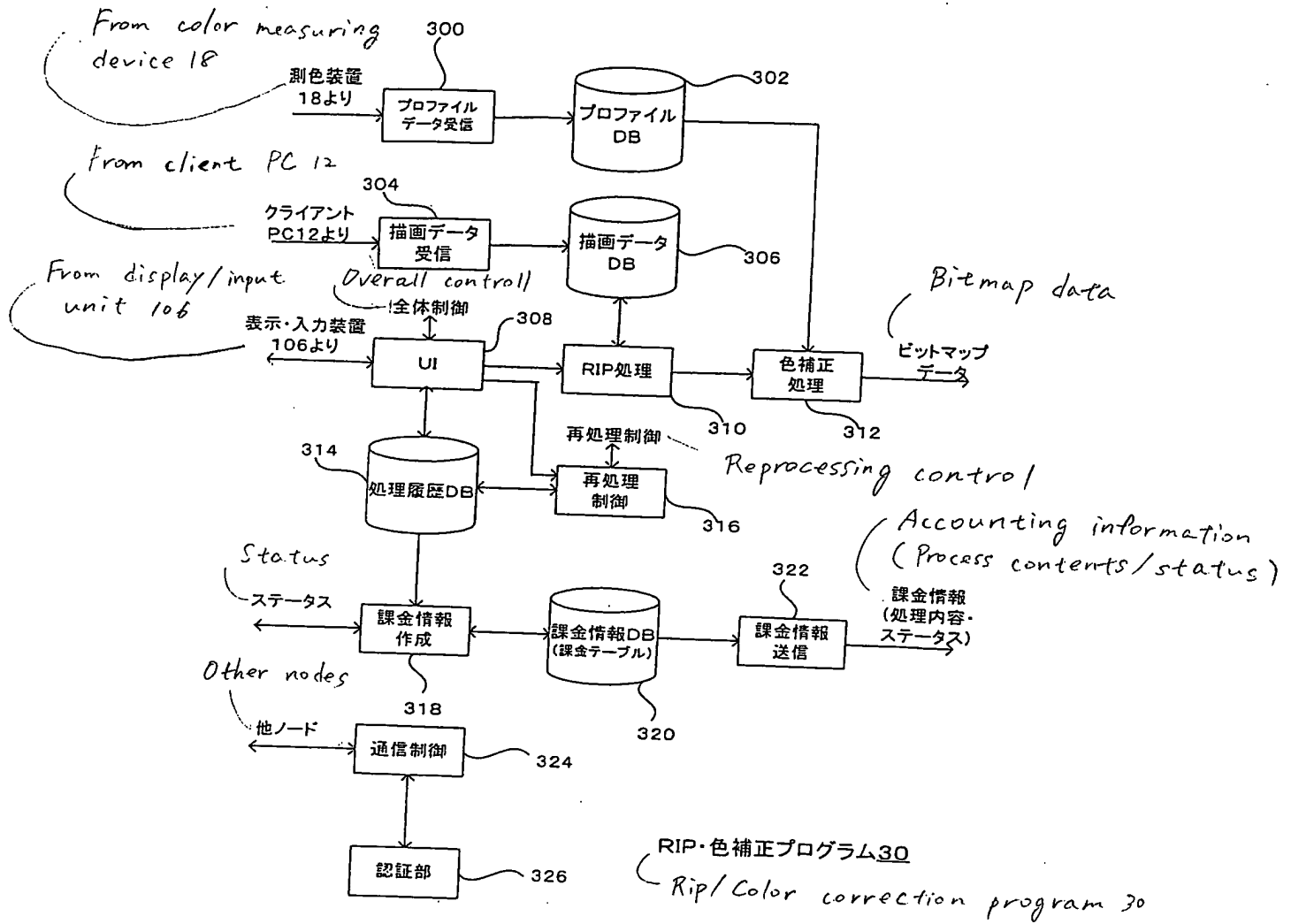


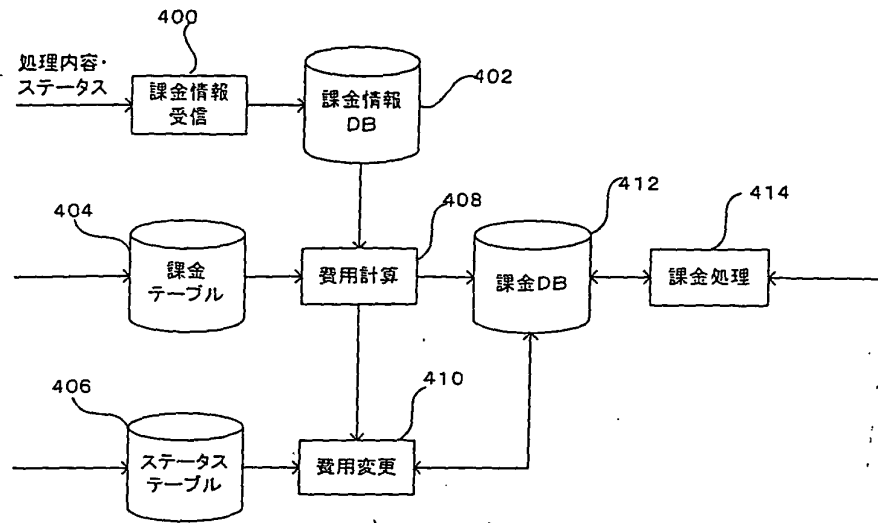
Fig. 3



~~【図4】~~

Fig. 4

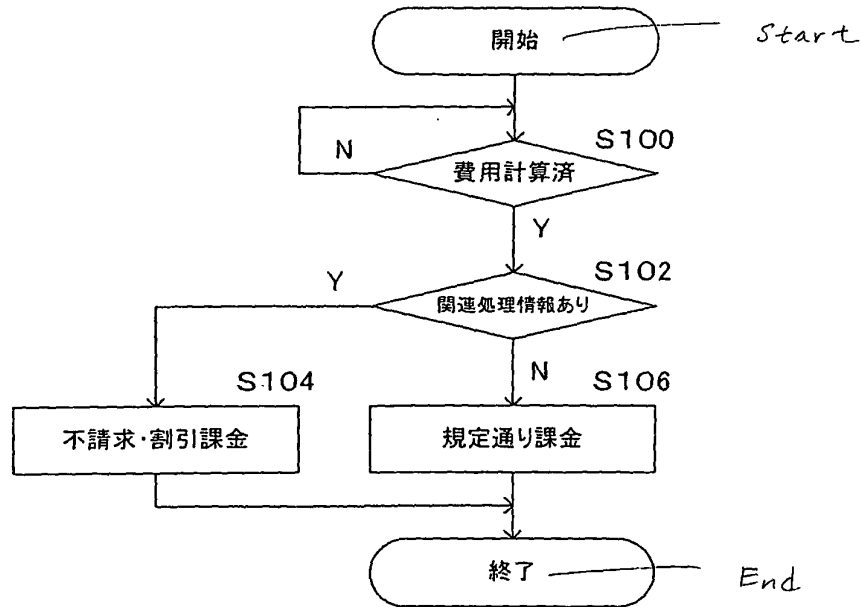
Process contents/status



Accounting program 40  
課金プログラム40

~~【図5】~~

Fig. 5



S10

S100 HAVE EXPENSES BEEN CALCULATED?

S102 IS THERE ANY RELATED PROCESS INFORMATION?

S104 NO CHARGE/DISCOUNT ACCOUNTING

S016 REGULAR ACCOUNTING

Fig. 6

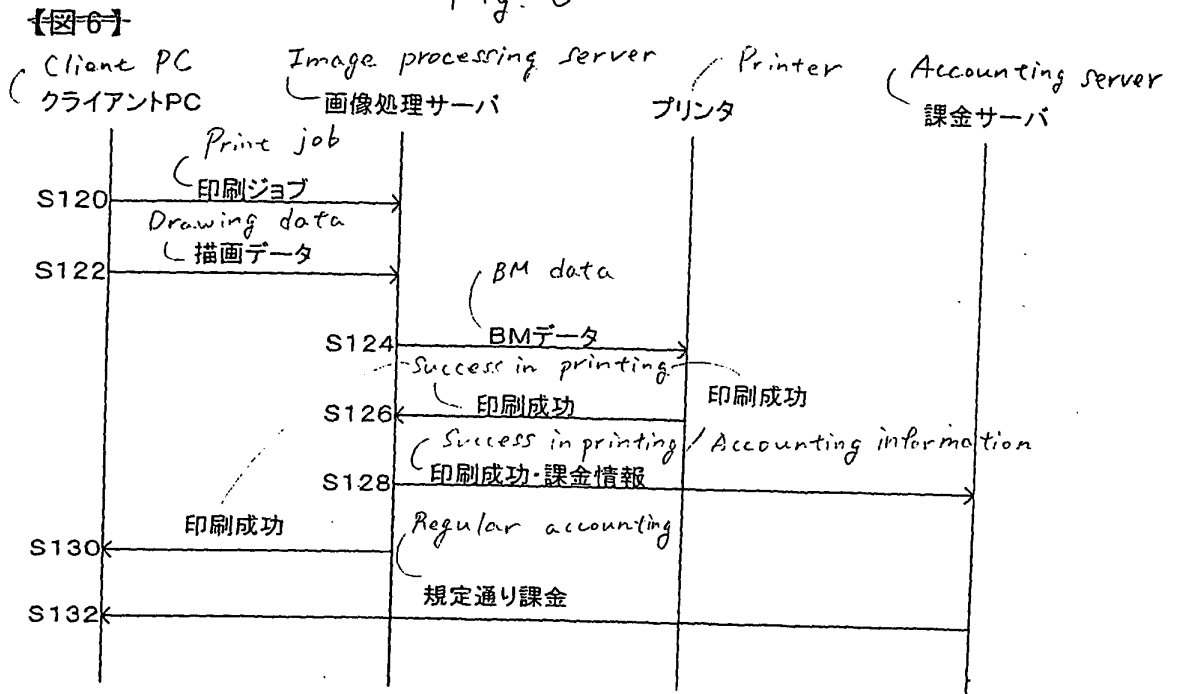
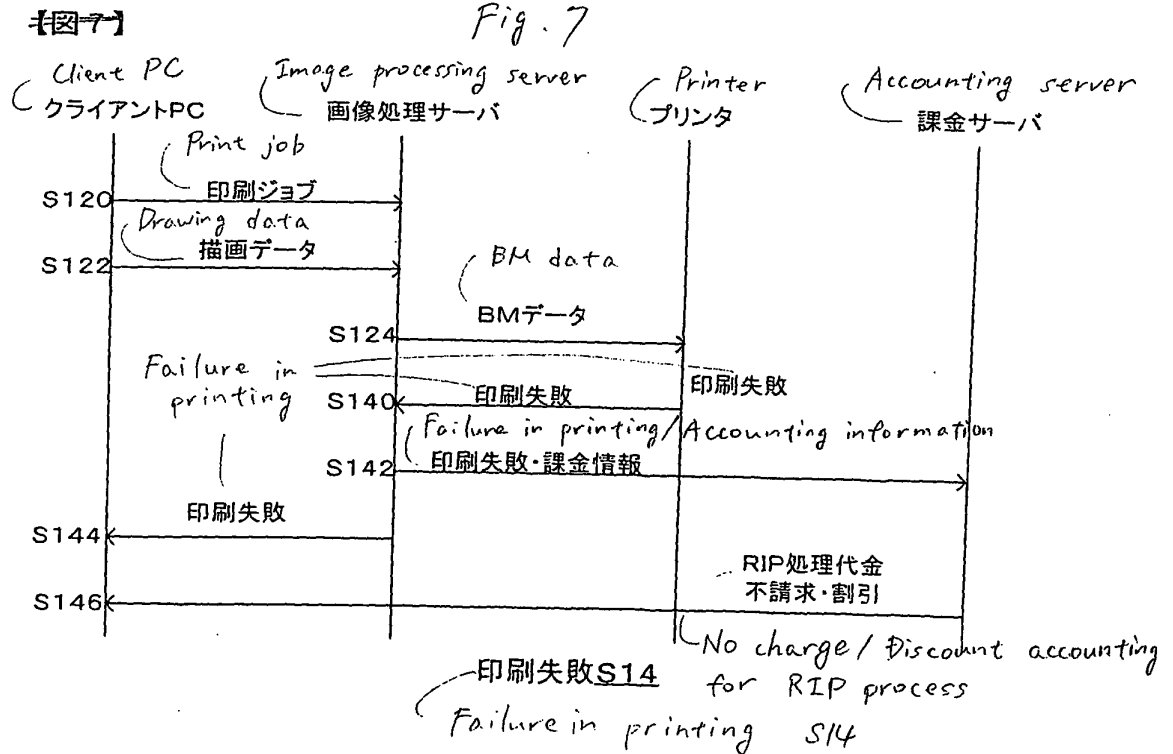
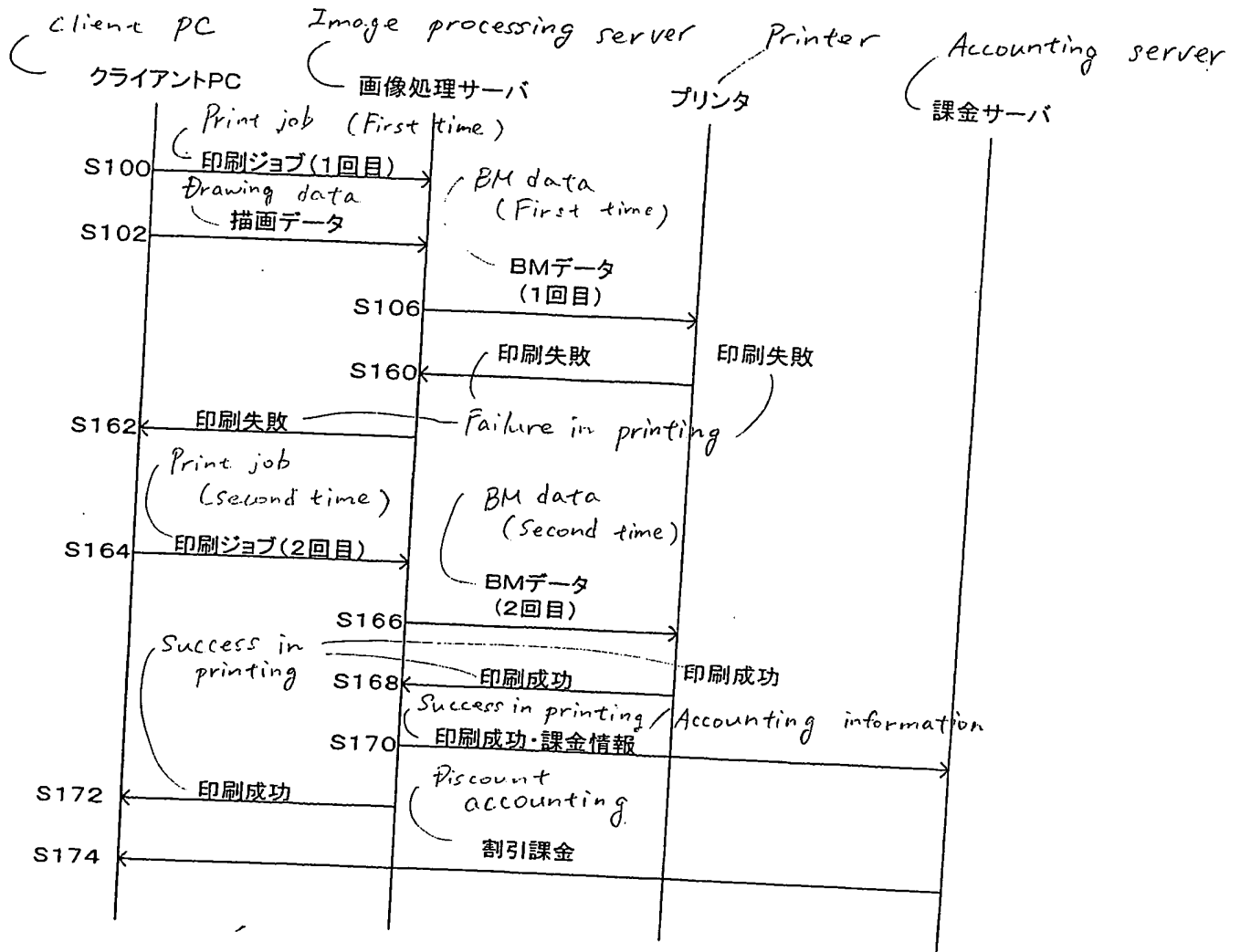


Fig. 7



【図8】

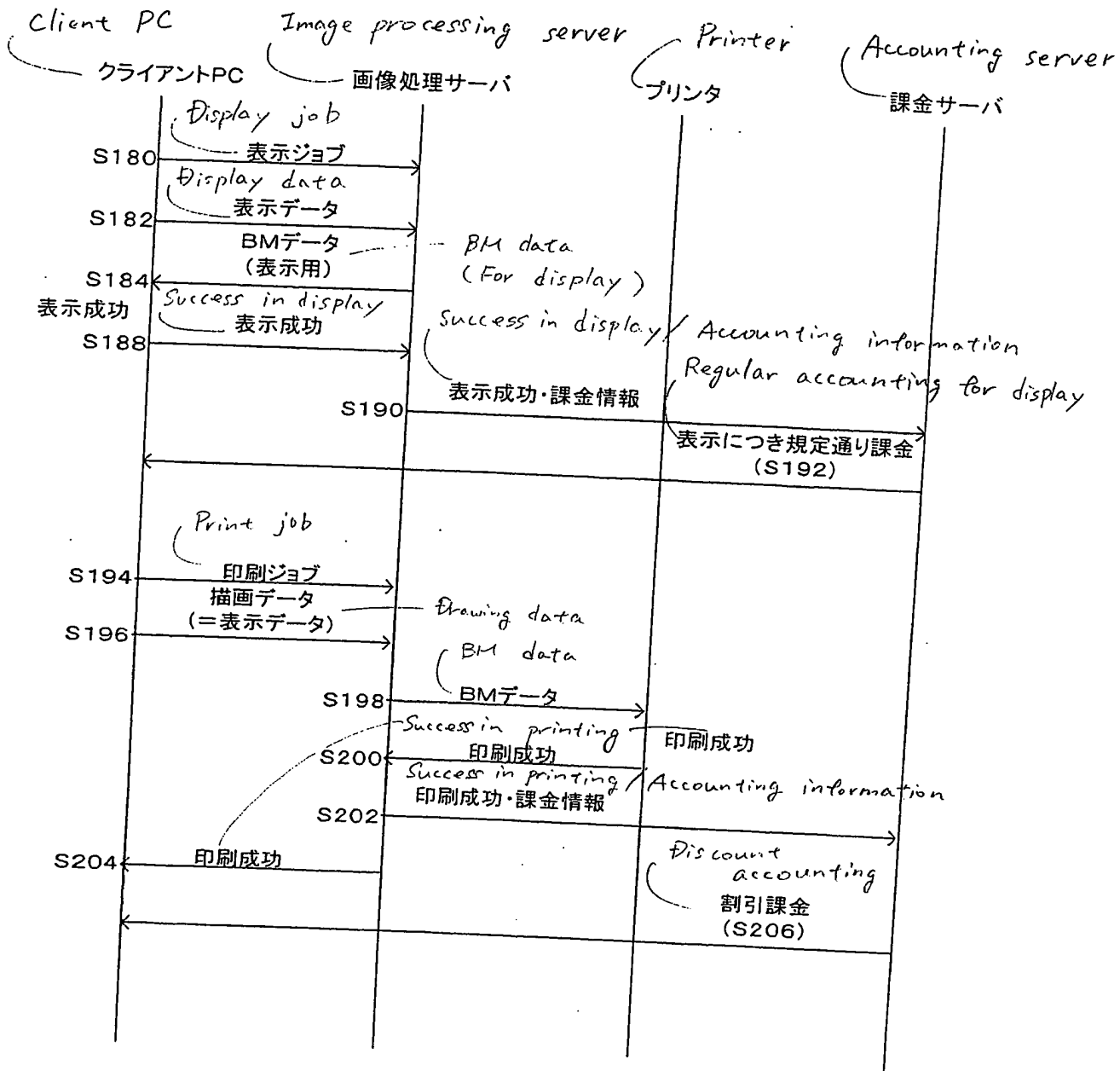
Fig. 8



印刷失敗 S16  
Failure in printing S16

図9

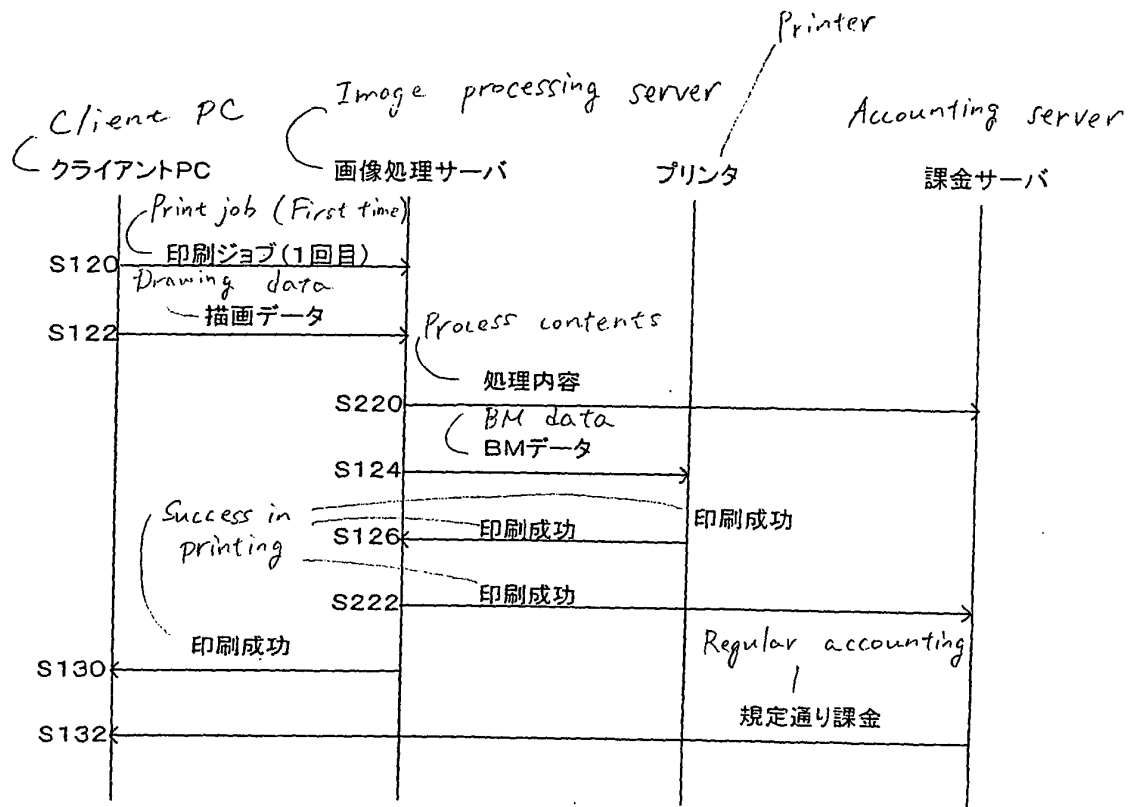
Fig. 9



S18

【図10】

Fig. 10



正常シーケンス S22  
Normal sequence S22



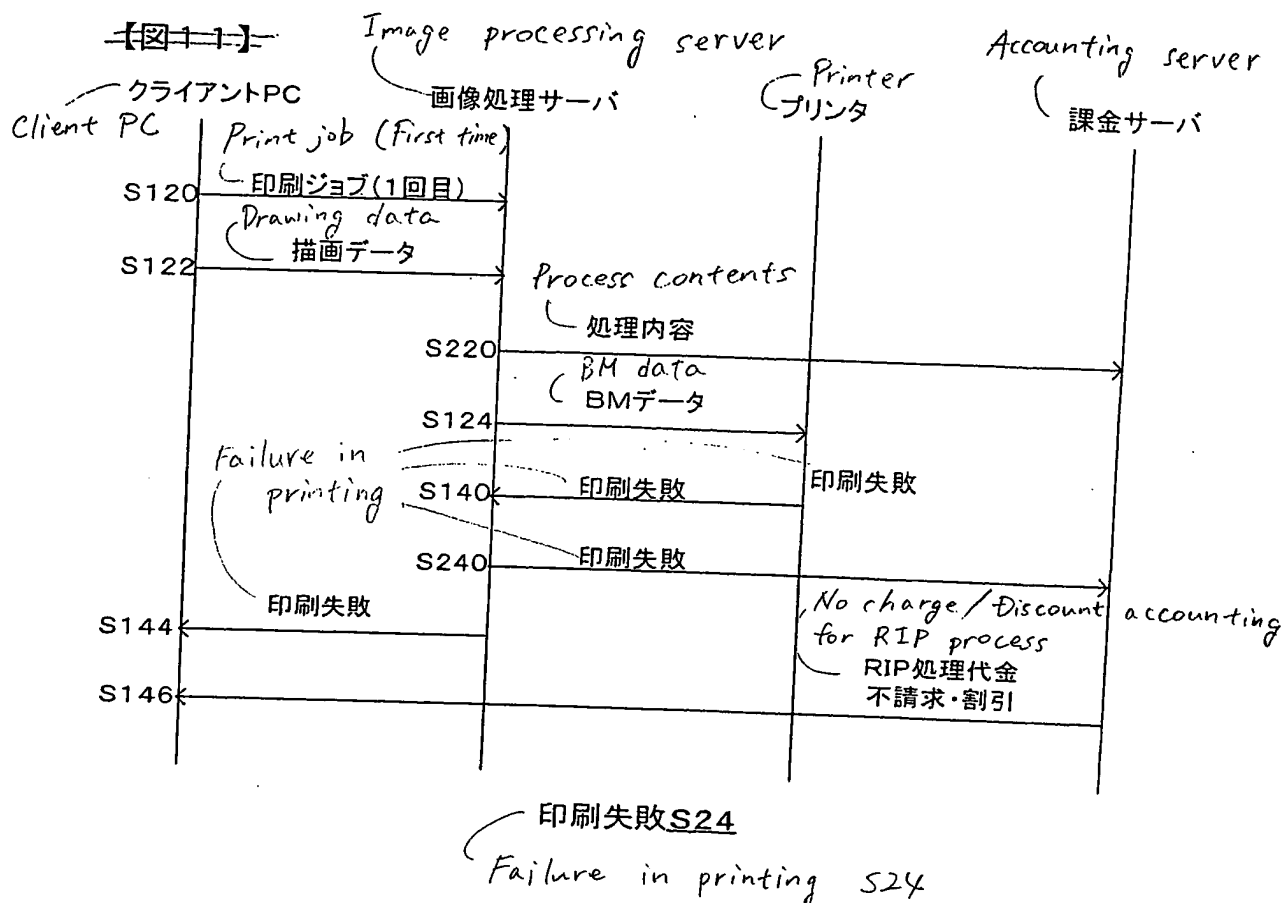
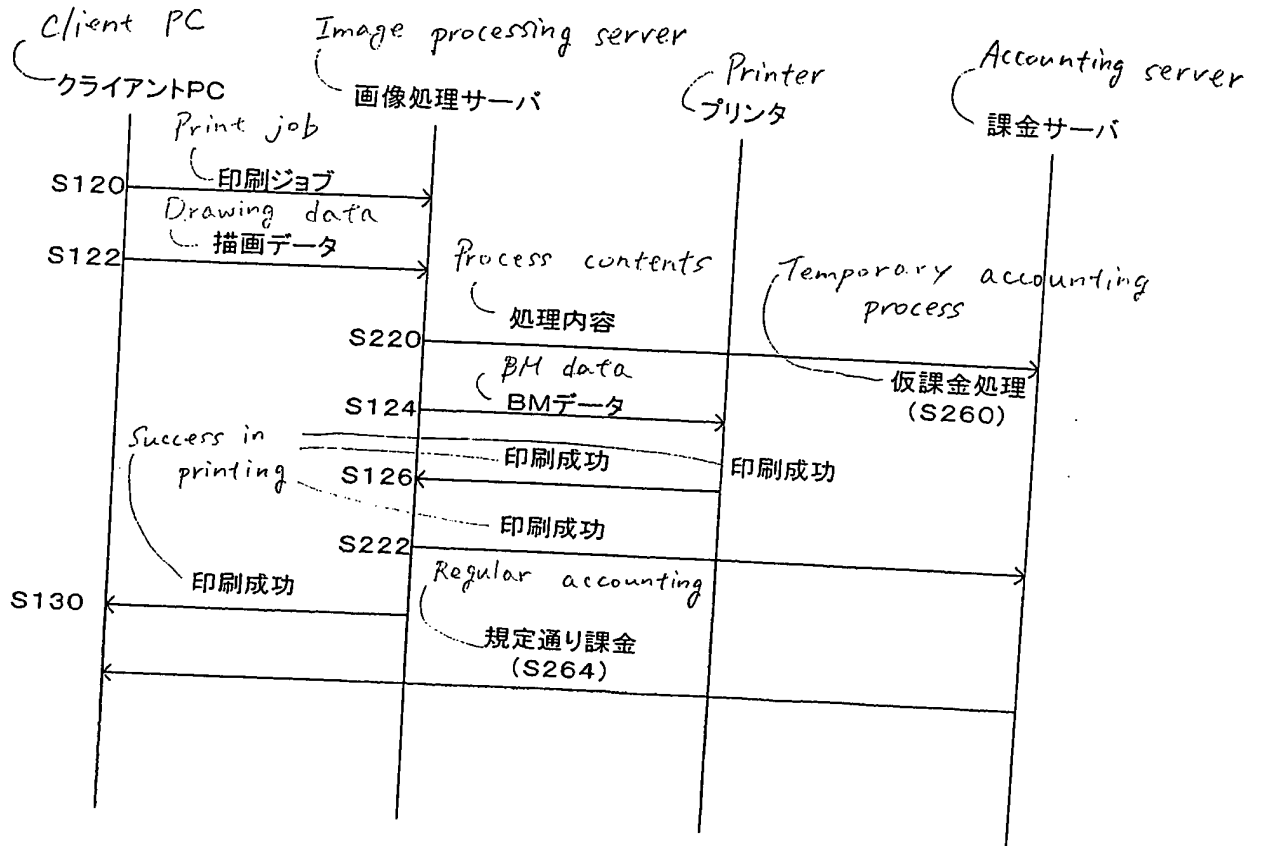


Fig. 11

Fig. 12



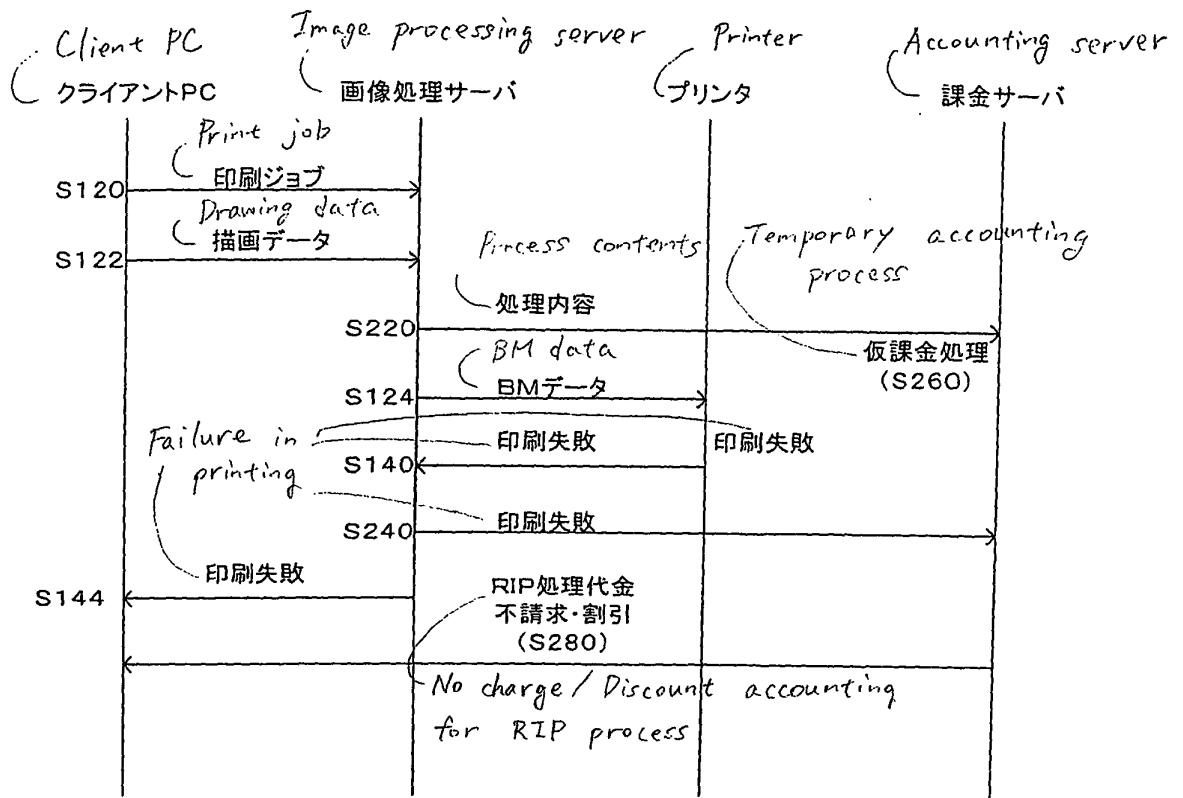
通常シーケンス(仮課金)

S26

Normal sequence (Temporary accounting)  
S26

【図13】

Fig. 13



通常シーケンス(仮課金)

S28

Normal sequence (Temporary accounting)

S28

【図14】

Fig. 14

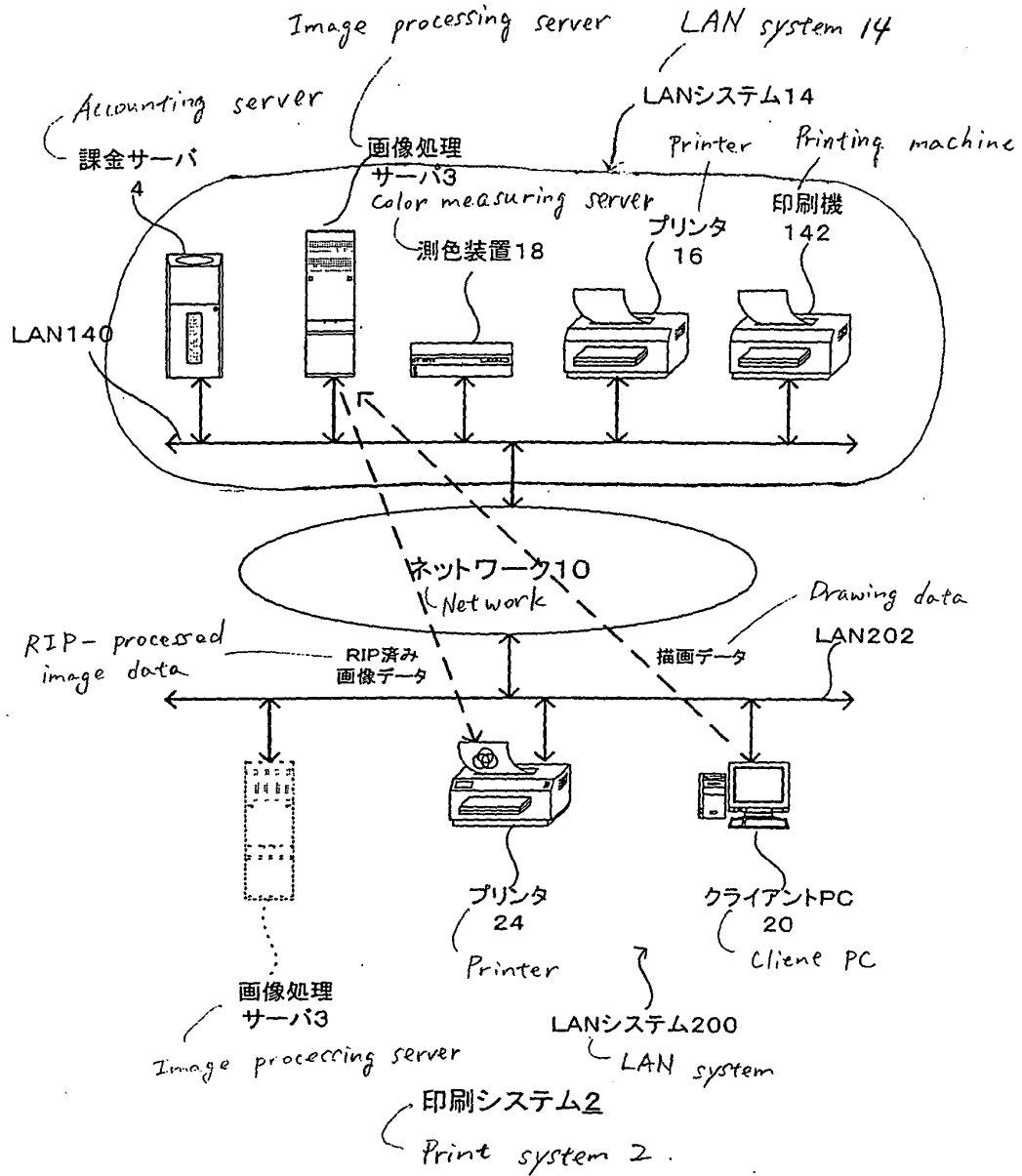


Fig. 15

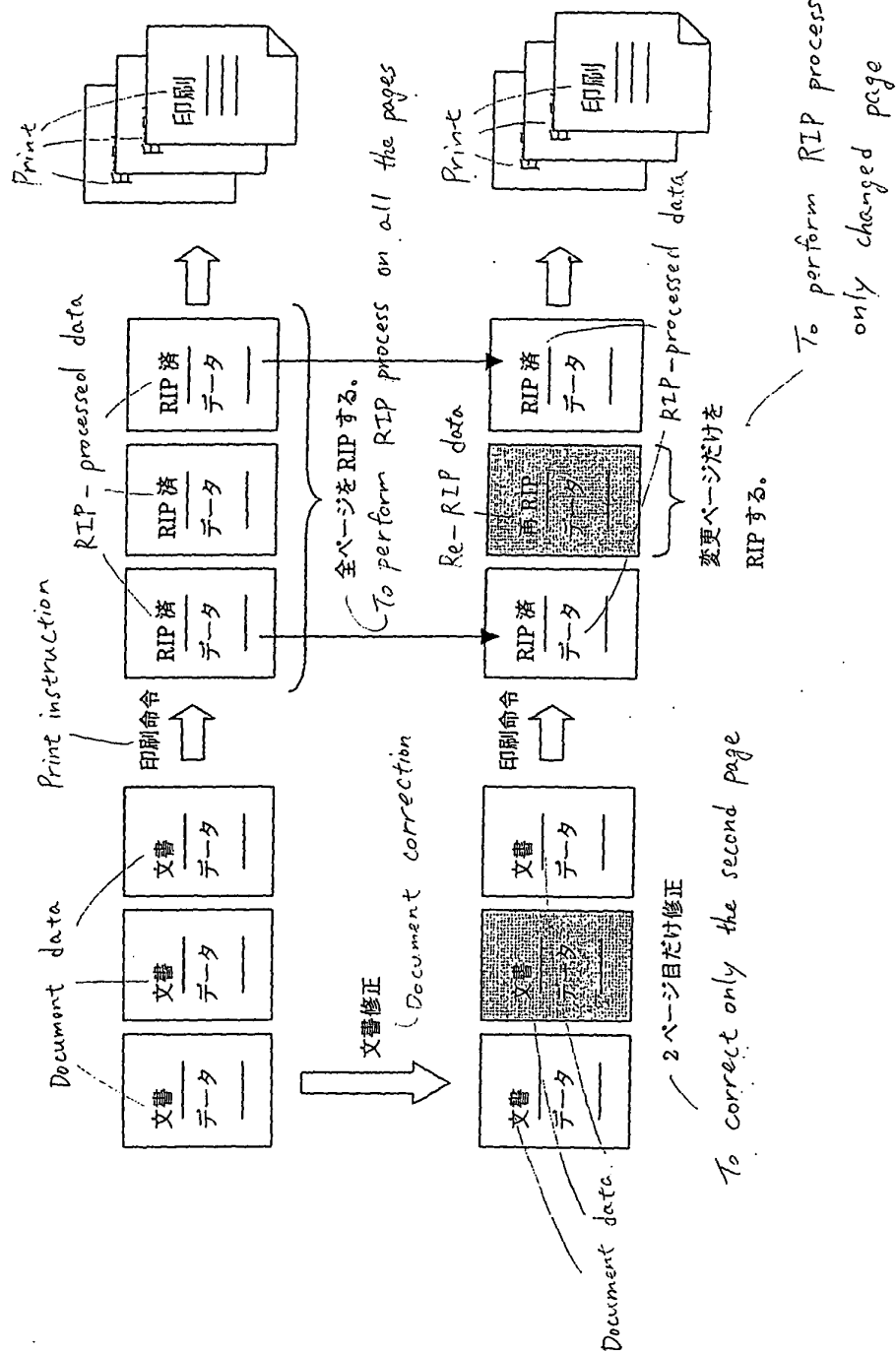


Fig. 16

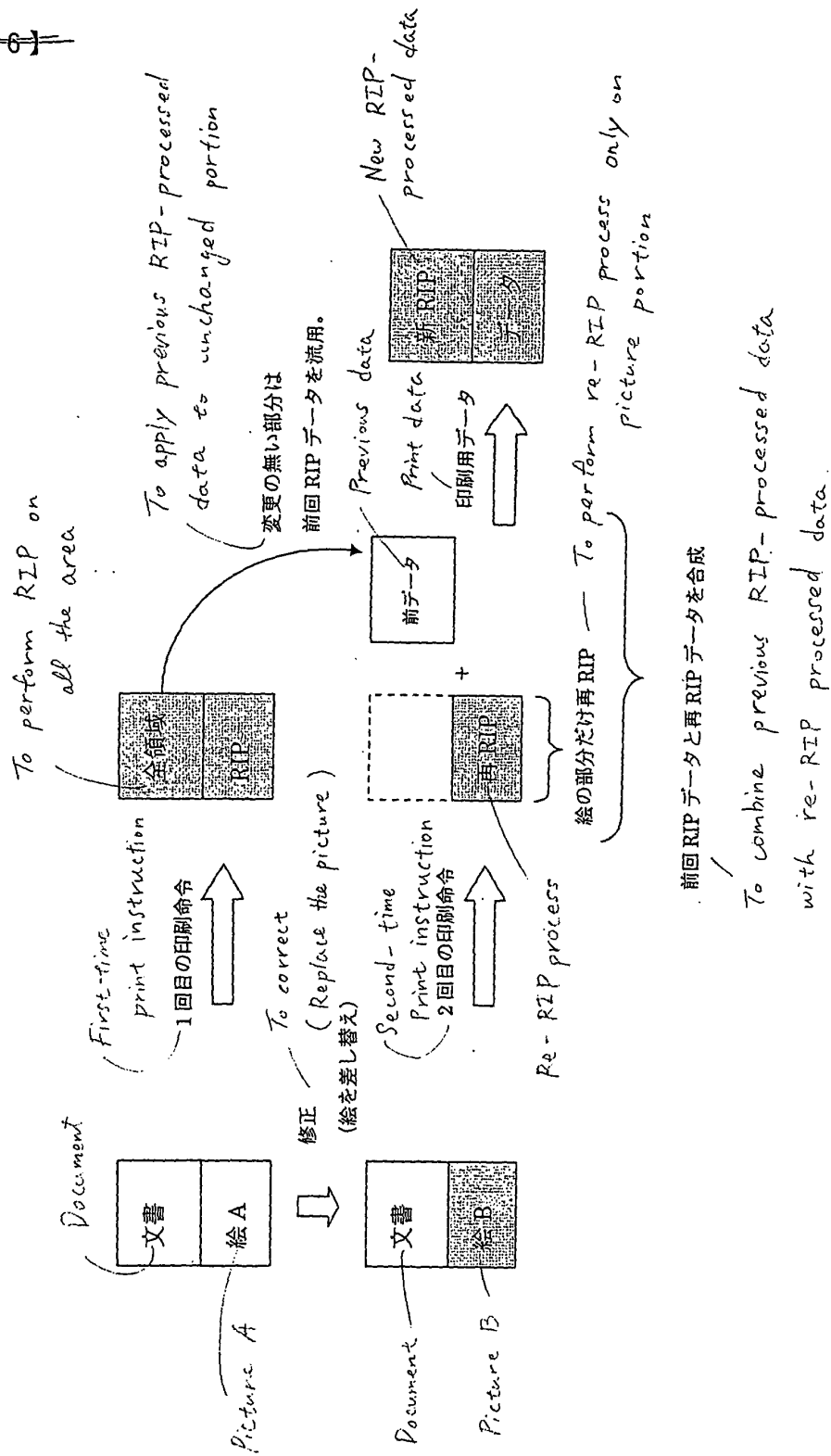
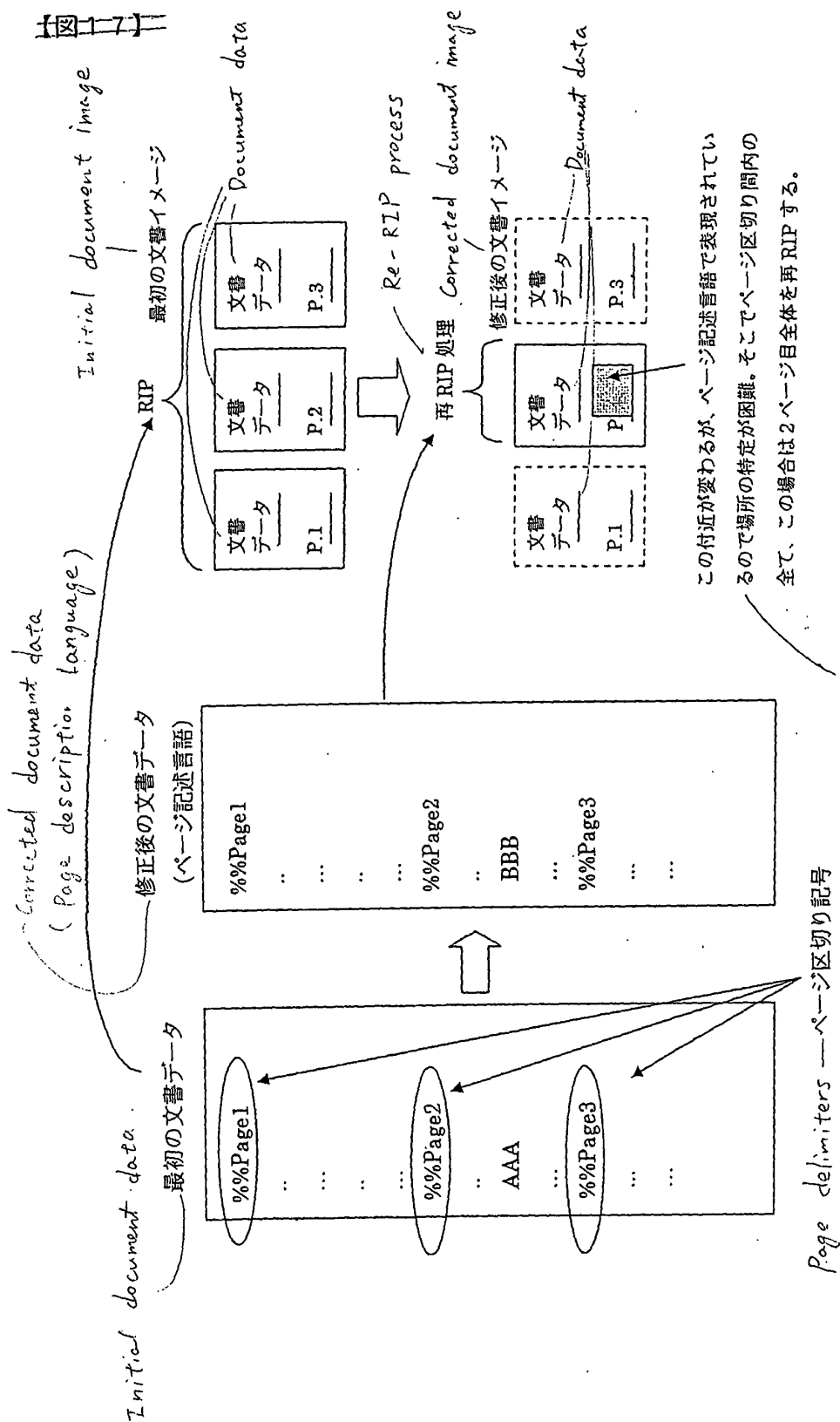


Fig. 17



THIS VICINITY IS CHANGED, BUT IT IS DIFFICULT TO SPECIFY THE CHANGED PLACE  
BECAUSE THE DATA IS DESCRIBED IN A PAGE DESCRIPTION LANGUAGE. THEREFORE,  
RE-RIP PROCESS IS PERFORMED ON ALL THE PORTION BETWEEN PAGE DELIMITERS,  
IN THIS CASE, ON ALL THE SECOND PAGE.

Fig. 18

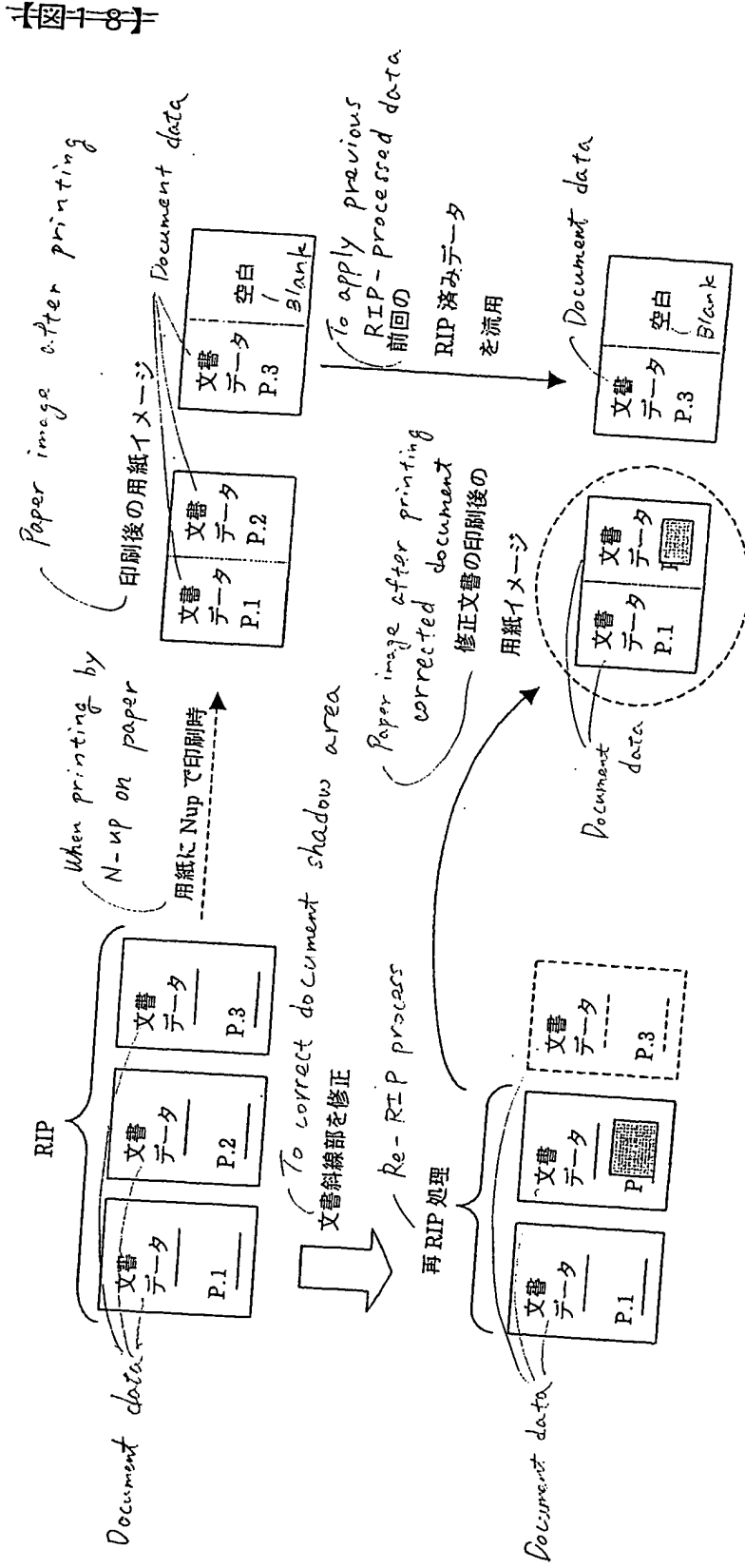
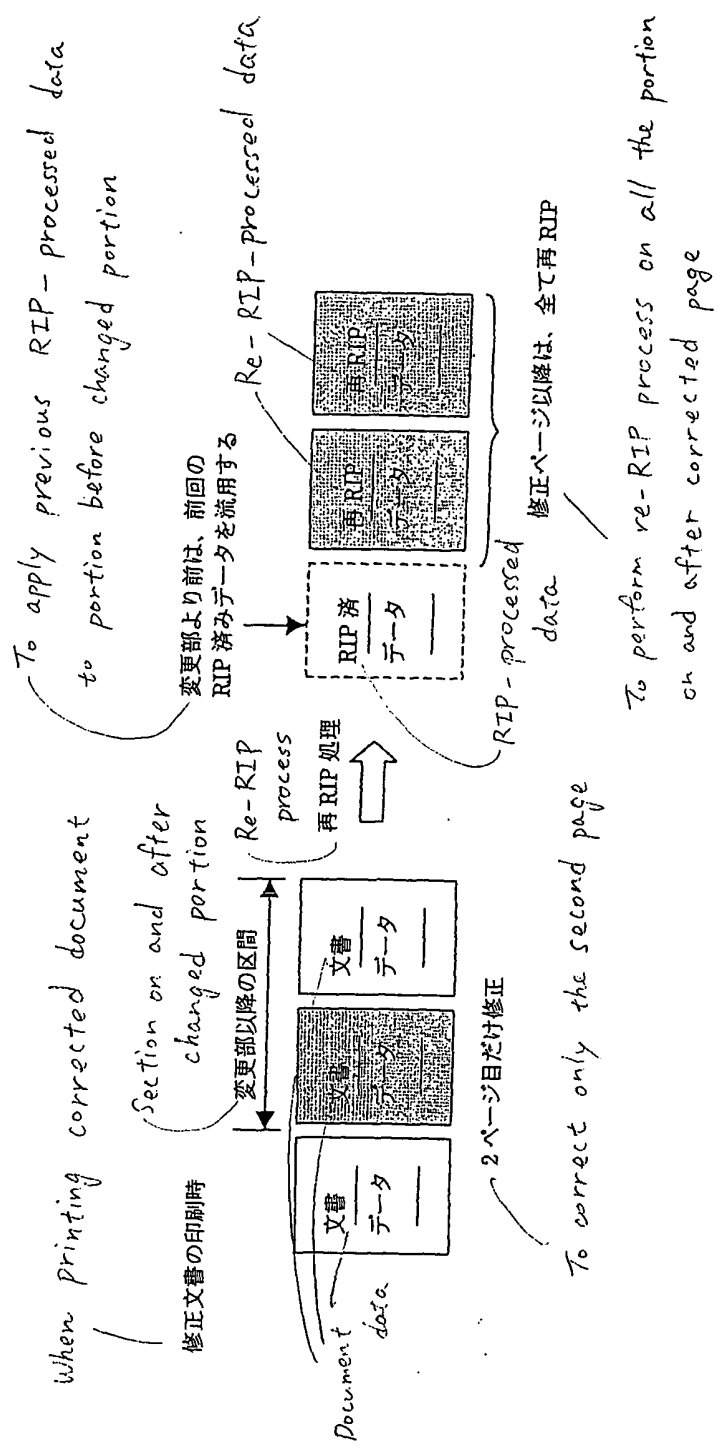


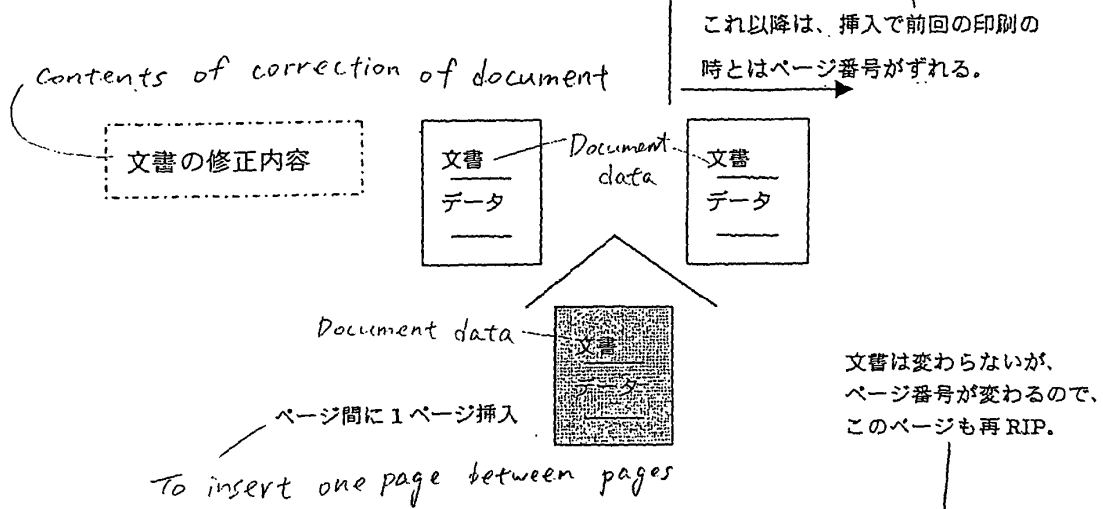


Fig. 19



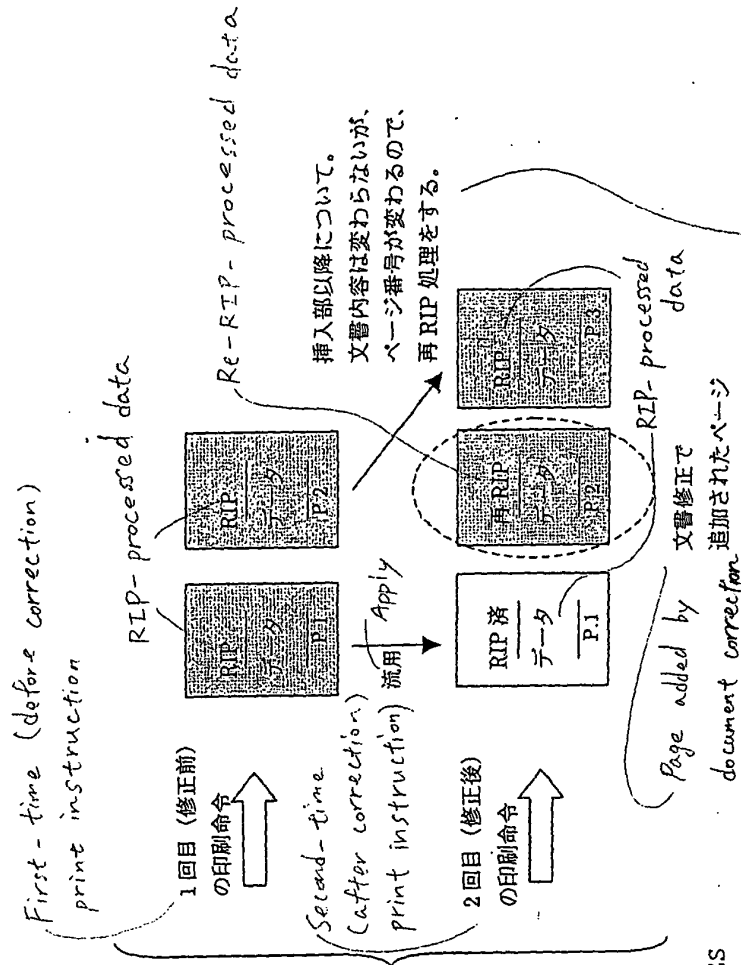
【図20】 Fig. 20

PAGE NUMBERS ON AND AFTER THIS PAGE ARE  
SHIFTED FROM THOSE IN PREVIOUS PRINTING  
DUE TO INSERTION.



THIS PAGE IS SUBJECTED TO RE-RIP PROCESS  
BECAUSE THE PAGE NUMBER IS CHANGED THOUGH  
THE DOCUMENT IS NOT CHANGED.

Fig. 21

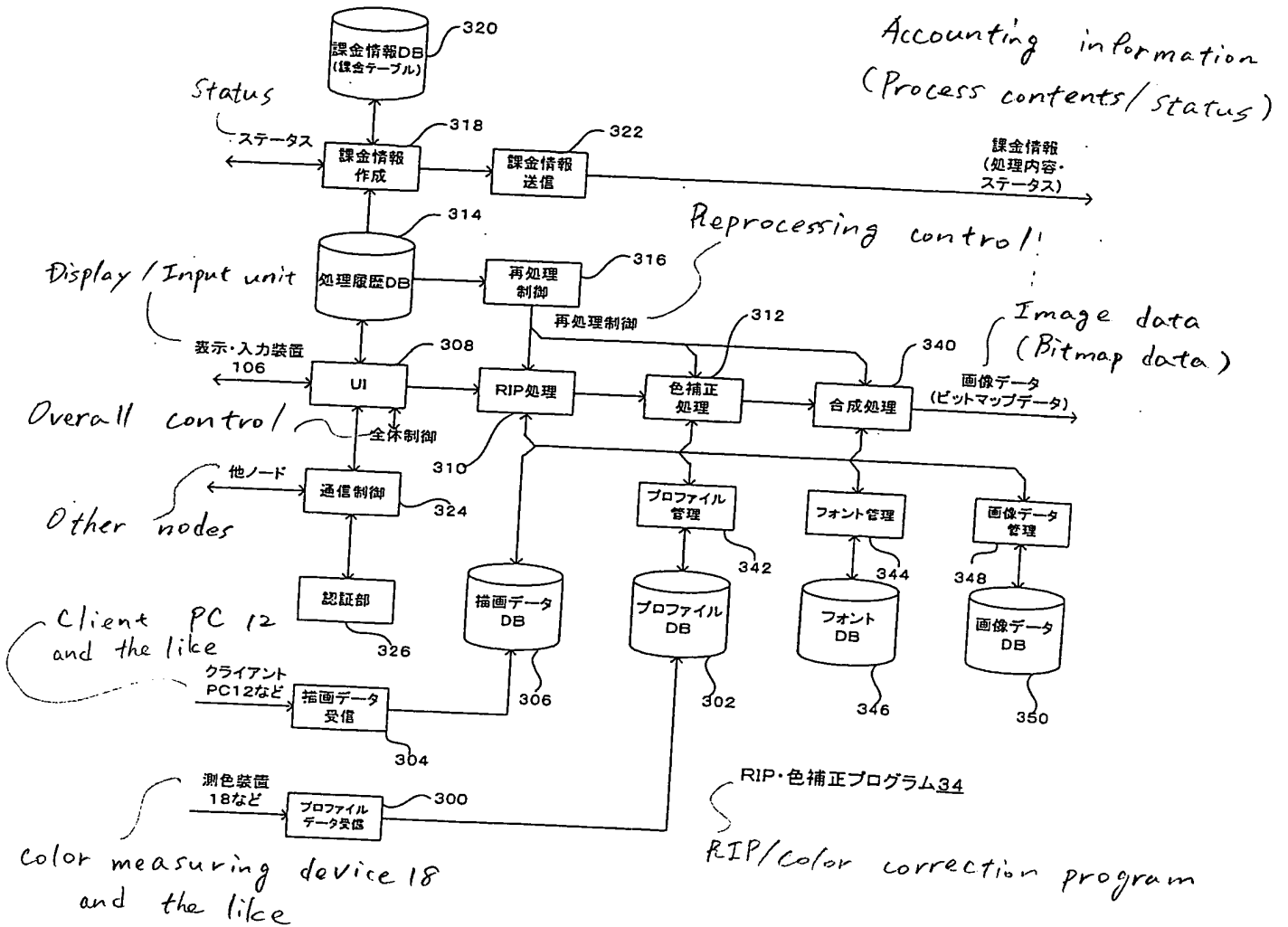


上のような状況になるので、ページ番号を付けて印刷する場合は、挿入部以降の全ページについて、文書に変更が無くても再RIP処理をする。

DUE TO THE AFOREMENTIONED CIRCUMSTANCES, IN THE EVENT OF PRINTING WITH PAGE NUMBERS, RE-RIP PROCESS IS PERFORMED ON ALL THE PAGES ON AND AFTER THE INSERTED PORTION IN SPITE OF NO CHANGE IN DOCUMENT.

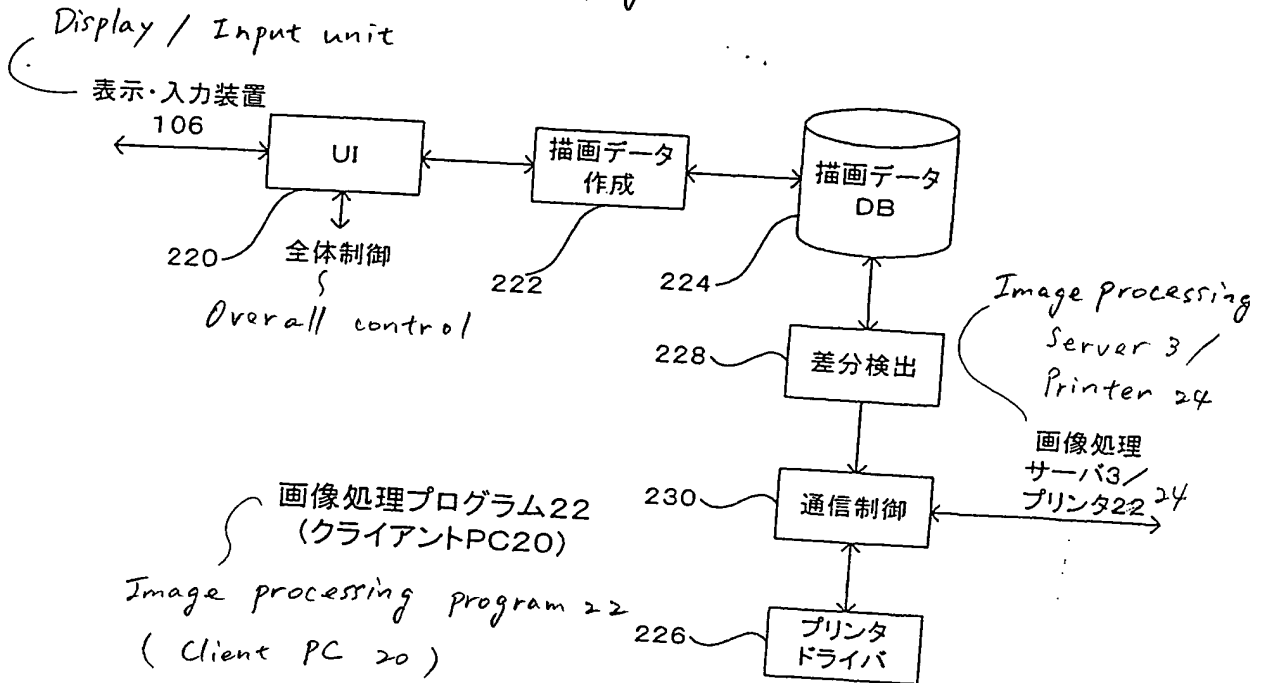
TO PERFORM RE-RIP PROCESS ON AND AFTER THE INSERTED PORTION BECAUSE THE PAGE NUMBERS ARE CHANGED THOUGH NO CHANGE IN DOCUMENT CONTENTS.

Fig. 22



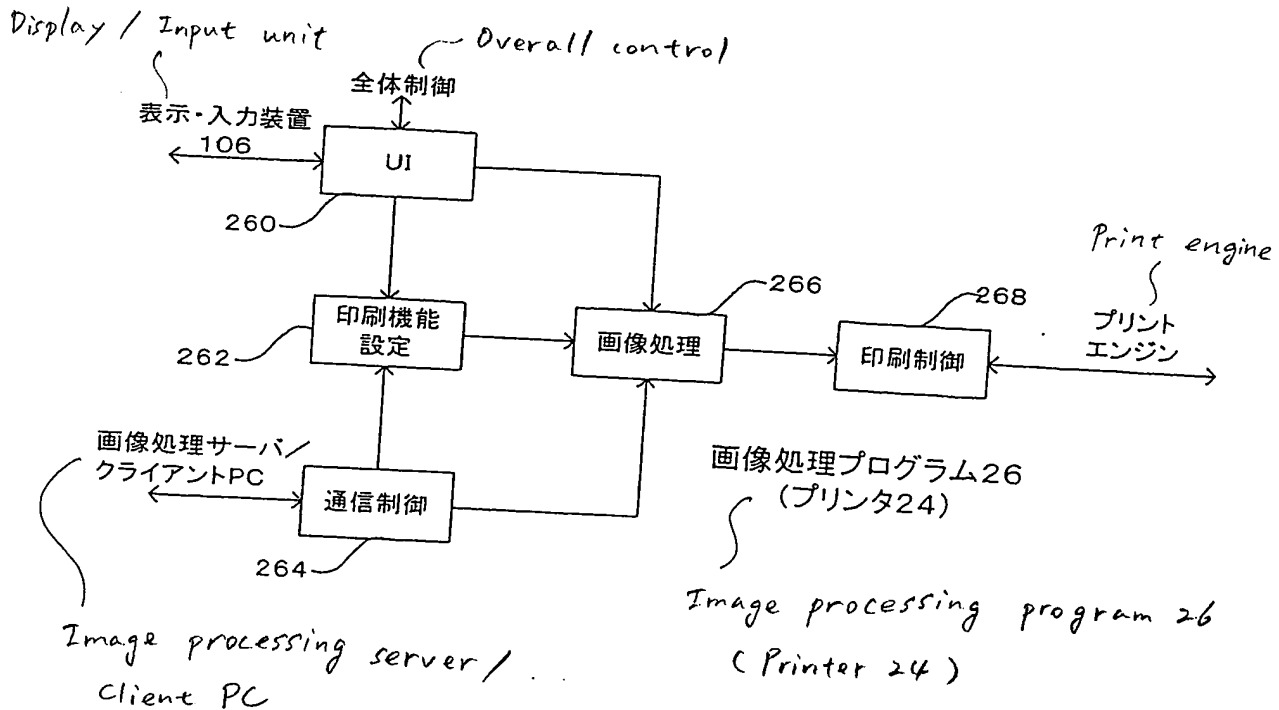
【図23】

Fig. 23



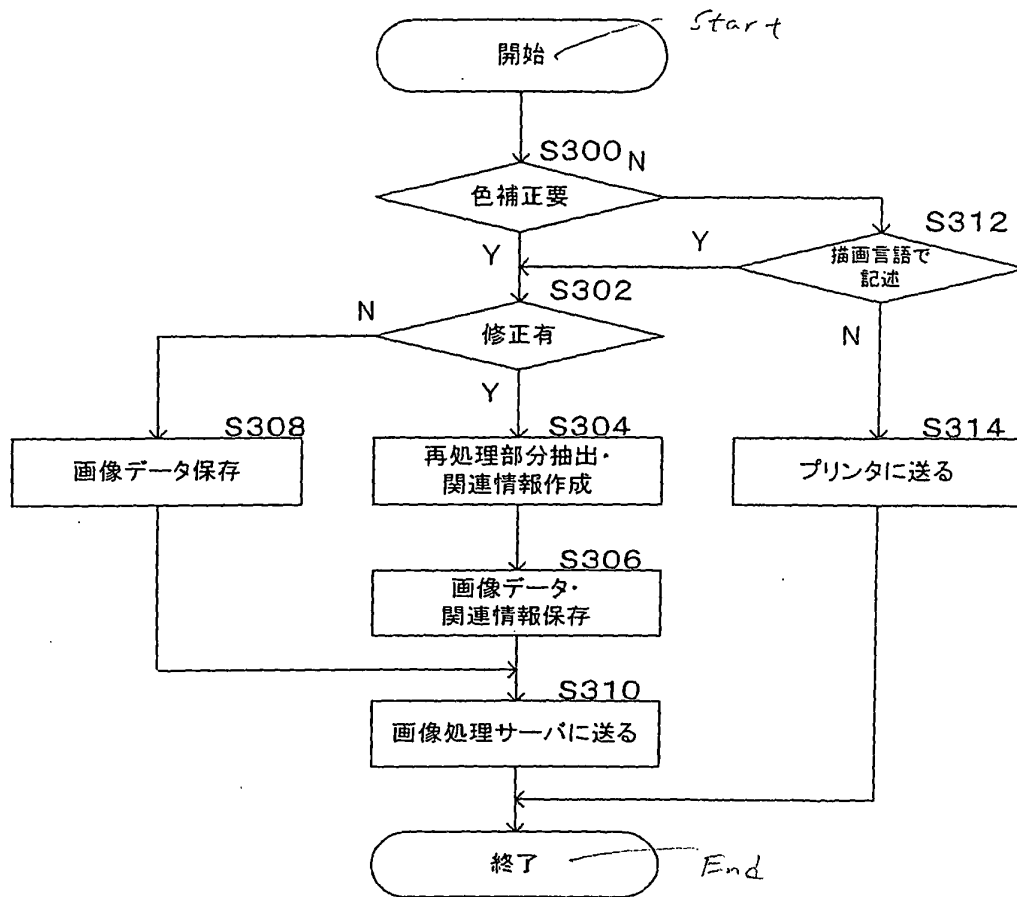
【図24】

Fig. 24



【図25】

Fig. 25



client PC side process  
クライアントPC側処理  
(S30)

S300 IS COLOR CORRECTION REQUIRED?

S302 IS THERE ANY CORRECTION?

S304 EXTRACT REPROCESSED PORTION/CREATE RELATED INFORMATION

S306 SAVE IMAGE DATA/RELATED INFORMATION

S308 SAVE IMAGE DATA

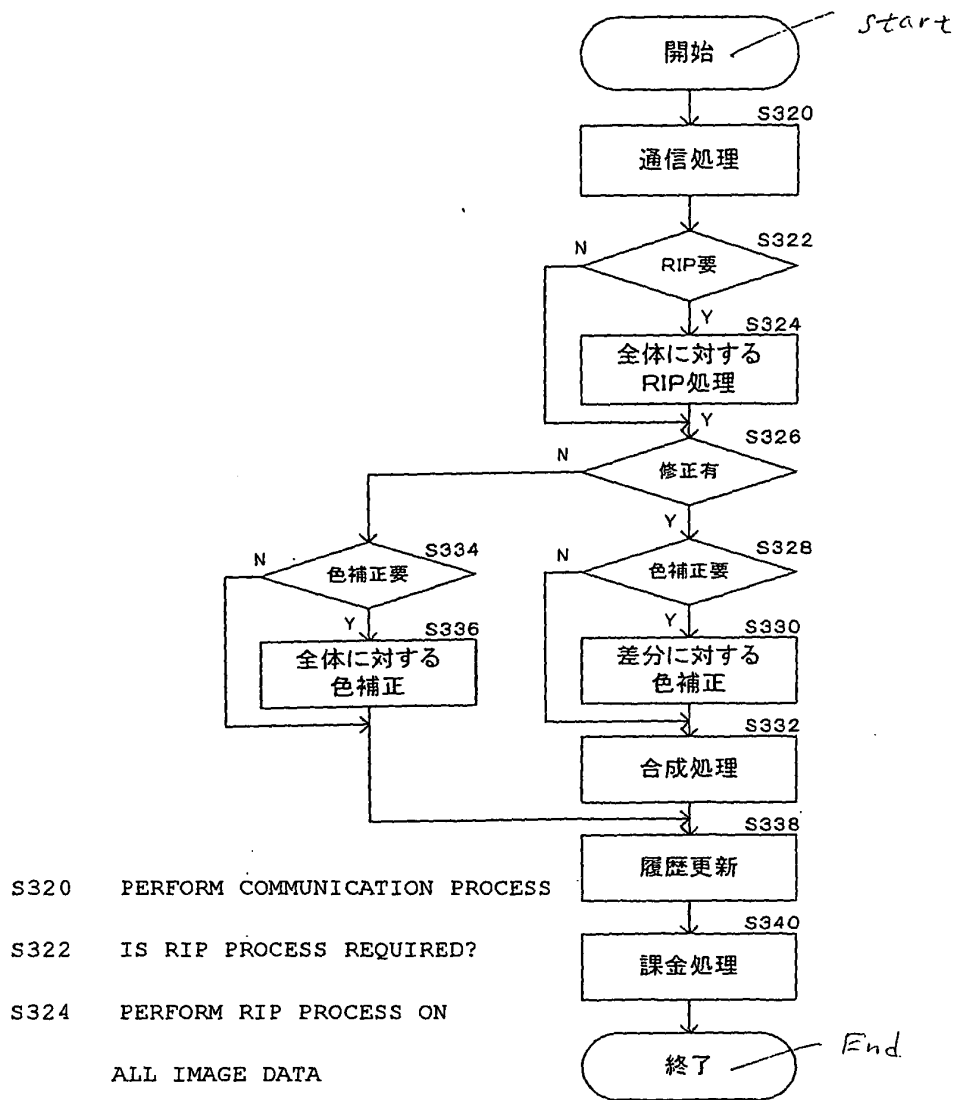
S310 SEND IMAGE DATA TO IMAGE PROCESSING SERVER

S312 IS IMAGE DATA DESCRIBED IN DRAWING LANGUAGE?

S314 SEND IMAGE DATA TO PRINTER

【図2-6】

Fig. 26



S320 PERFORM COMMUNICATION PROCESS

S322 IS RIP PROCESS REQUIRED?

S324 PERFORM RIP PROCESS ON

ALL IMAGE DATA

S326 IS THERE ANY CORRECTION?

S328 IS COLOR CORRECTION REQUIRED?

S330 PERFORM COLOR CORRECTION ON

DIFFERENCE

S332 PERFORM COMBINATION PROCESS

S334 IS COLOR CORRECTION REQUIRED?

S336 PERFORM COLOR CORRECTION ON

ALL IMAGE DATA

S338 UPDATE HISTORY

S340 PERFORM ACCOUNTING PROCESS

画像処理サーバ側処理

(S32)

Image processing server side process

S360 HAS CORRECTED PORTION EXTRACTED?

S366 SELECT UNANALYZED CORRECTED PORTION

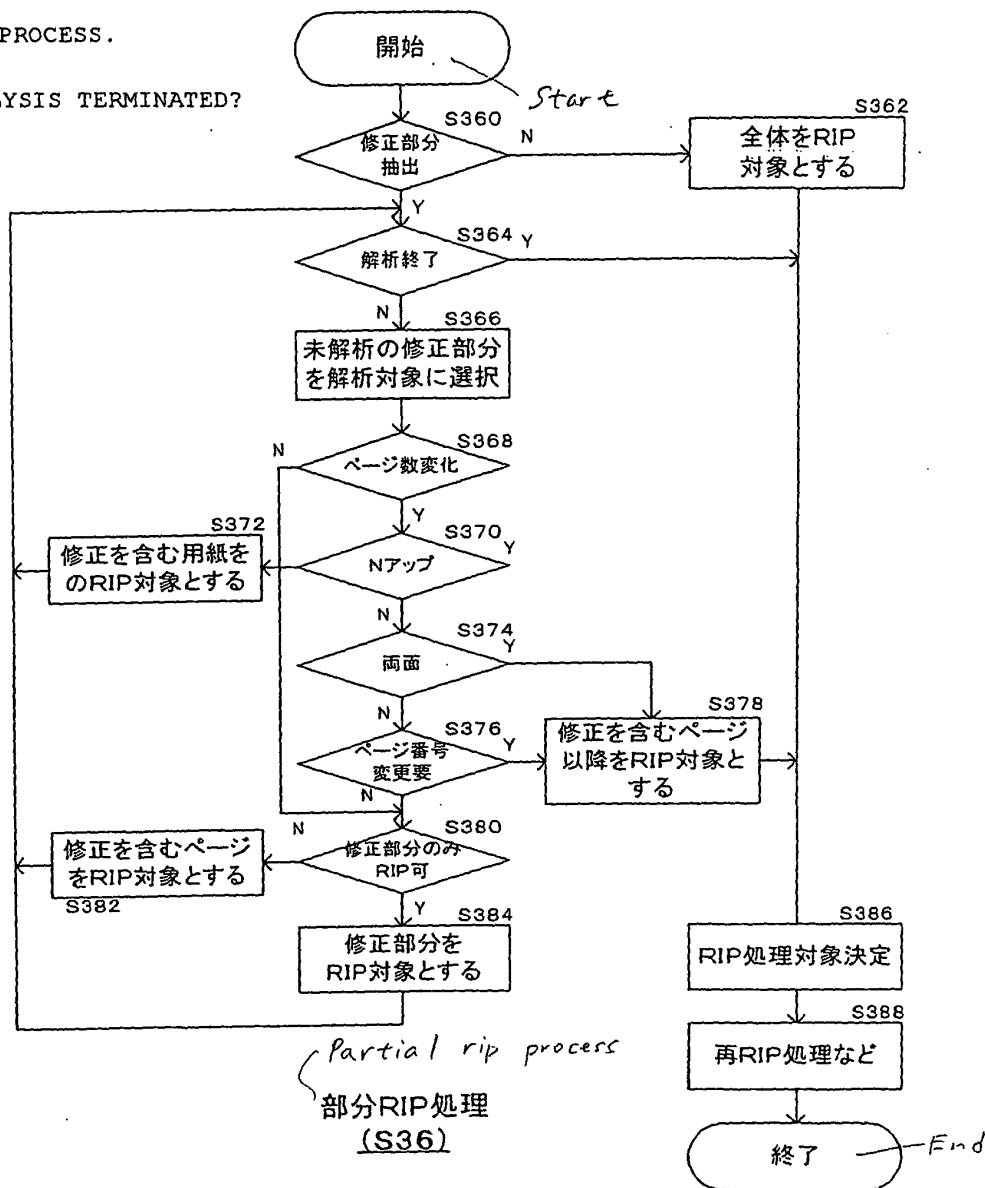
S362 SET WHOLE OF IMAGE DATA AS TARGET

AS TARGET OF ANALYSIS

OF RIP PROCESS.

S364 IS ANALYSIS TERMINATED?

Fig. 27



S368 IS THERE ANY CHANGE IN NUMBER OF PAGES?

S370 N-UP?

S372 SET SHEETS OF PAPER INCLUDING CORRECTION  
AS TARGET OF RIP PROCESS

S374 DUPLEX?

S376 DO PAGE NUMBERS HAVE TO BE CHANGED?

S378 SET PAGES ON AND AFTER CORRECTION

AS TARGET OF RIP PROCESS

S380 CAN RIP PROCESS BE PERFORMED ON  
ONLY CORRECTED PORTION?

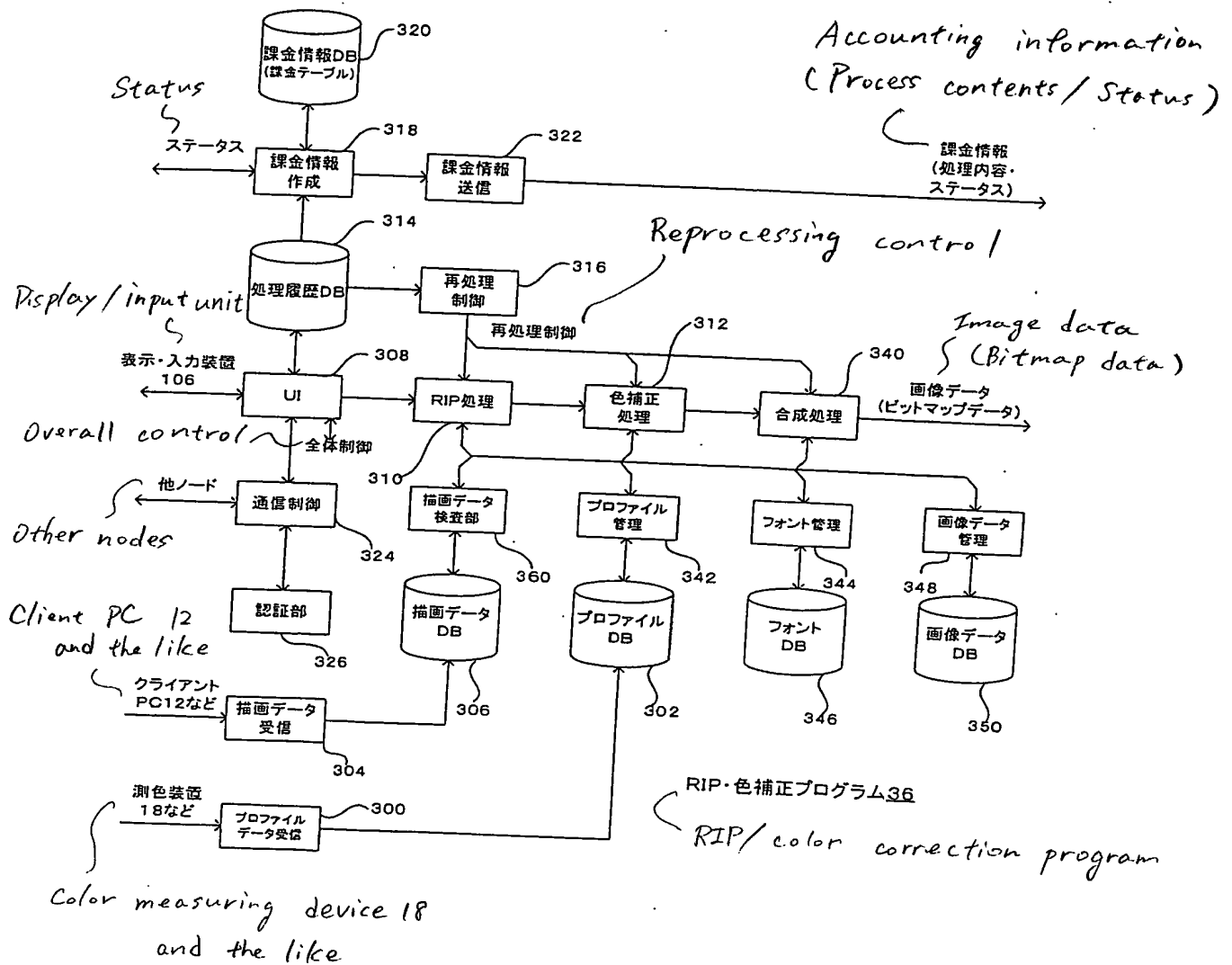
S382 SET PAGE INCLUDING CORRECTION  
AS TARGET OF RIP PROCESS

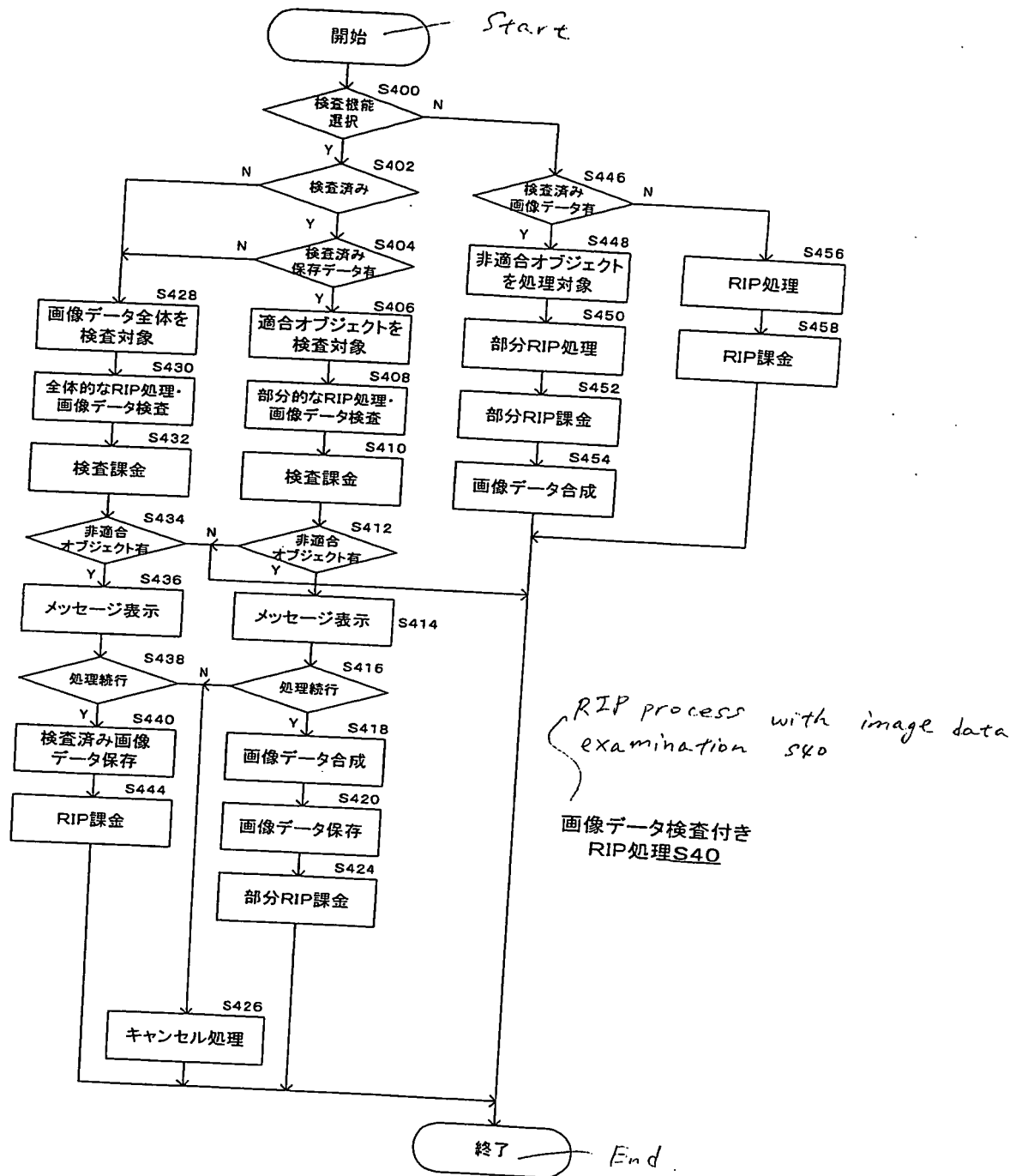
S384 SET CORRECTED PORTION AS TARGET  
OF RIP PROCESS

S386 DETERMINE TARGET OF RIP PROCESS

S388 PERFORM RE-RIP PROCESS







~~【図30】~~

Fig. 30

A screenshot of a software dialog box titled "Use check function". It contains a checkbox labeled "チェック機能を使用" (Use check function). Below this checkbox is a smaller rectangular area containing four more checkboxes, each with a label in Japanese and English. The labels are: "RGB 画像" (RGB image), "EPS-JPEG 画像" (EPS-JPEG image), "オーバープリント" (Overprint), and "ヘアライン" (Hair line). The English labels are written to the right of the Japanese labels, with curly braces indicating the correspondence.

Use check function

☐ チェック機能を使用

RGB image

☐ RGB 画像

EPS-JPEG image

☐ EPS-JPEG 画像

Overprint

☐ オーバープリント

Hair line

☐ ヘアライン

~~【図31】~~

Fig. 31

A screenshot of a software dialog box titled "Job file includes:". It contains four lines of text, each with a Japanese label and an English label. The labels are: "RGB 画像が含まれています" (RGB image is included), "EPS-JPEG 画像が含まれています" (EPS-JPEG image is included), "オーバープリント部分が含まれています" (Overprinted portion is included), and "ヘアラインが含まれています" (Hair line is included). The English labels are written to the right of the Japanese labels, with curly braces indicating the correspondence. At the bottom of the dialog box are three buttons: "続行" (Continue), "キャンセル" (Cancel), and "プレビュー" (Preview). The English labels "Continue", "Cancel", and "Preview" are written below the buttons.

ジョブファイル中に Job file includes:

RGB 画像が含まれています RGB image

EPS-JPEG 画像が含まれています EPS-JPEG image

オーバープリント部分が含まれています Overprinted portion

ヘアラインが含まれています Hair line

続行 Continue

キャンセル Cancel

プレビュー Preview